

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
 Data File : PP061475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2023 21:59
 Operator : YP\AJ
 Sample : 05258-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 23:20:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 27 18:44:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.577	3.708	52962583	34962325	21.441	23.394
2) SA Decachlor...	10.573f	8.788	27997335	23075130	14.847	15.026
Target Compounds						
3) L1 AR-1016-1	5.752	0.000	1628867	0	20.016	N.D. #
4) L1 AR-1016-2	5.782	4.825	2088636	1696717	17.961	23.990 #
5) L1 AR-1016-3	5.845	0.000	1284625	0	18.166	N.D. #
6) L1 AR-1016-4	0.000	5.059f	0	335051	N.D.	10.651 #
7) L1 AR-1016-5	6.267f	0.000	338086	0	5.889	N.D. #
8) L2 AR-1221-1	4.789f	0.000	701029	0	23.601	N.D. #
9) L2 AR-1221-2	4.863	4.014f	136433	874933	6.126	61.441 #
10) L2 AR-1221-3	0.000	4.088	0	660770	N.D.	16.279 #
11) L3 AR-1232-1	0.000	4.088	0	660770	N.D.	19.568 #
12) L3 AR-1232-2	5.458f	4.825	1551120	1696717	52.428	53.088
13) L3 AR-1232-3	5.782	0.000	2088636	0	41.894	N.D. #
14) L3 AR-1232-4	0.000	5.059f	0	335051	N.D.	21.015 #
15) L3 AR-1232-5	6.026	0.000	990355	0	45.859	N.D. #
16) L4 AR-1242-1	5.752	4.825f	1628867	1696717	24.900	40.129 #
17) L4 AR-1242-2	5.782	4.825	2088636	1696717	22.539	29.845 #
18) L4 AR-1242-3	5.845	0.000	1284625	0	22.507	N.D. #
19) L4 AR-1242-4	0.000	5.059f	0	335051	N.D.	10.417 #
20) L4 AR-1242-5	6.685	5.624f	3422285	527497	66.162	13.289 #
21) L5 AR-1248-1	5.752	0.000	1628867	0	33.378	N.D. #
22) L5 AR-1248-2	6.026	5.059f	990355	335051	13.142	7.681 #
23) L5 AR-1248-3	6.267f	5.059f	338086	335051	4.054	7.209 #
25) L5 AR-1248-5	6.685	5.624f	3422285	527497	40.360	10.138 #
26) L6 AR-1254-1	0.000	5.624f	0	527497	N.D.	6.694 #
27) L6 AR-1254-2	6.833	5.736	1104433	297498	8.281	4.260 #
28) L6 AR-1254-3	0.000	6.142	0	15673	N.D.	0.138 #
29) L6 AR-1254-4	7.485f	6.382	105238	60347	1.057	0.868
30) L6 AR-1254-5	7.913	6.808	383297	1104078	3.483	10.435 #
31) L7 AR-1260-1	7.395	6.287	1194282	519093	10.616	6.380 #
32) L7 AR-1260-2	7.655	6.479	1388310	28857	10.731	0.296 #
33) L7 AR-1260-3	7.990	6.648	1042721	250737	12.277	2.709 #
34) L7 AR-1260-4	8.253	7.116	4233279	1628730	41.881	22.213 #
35) L7 AR-1260-5	8.549f	7.355	4117850	70190	21.261	0.411 #
36) L8 AR-1262-1	7.990	6.886	1042721	288695	7.842	6.405
37) L8 AR-1262-2	8.549f	7.116	4117850	1628730	17.619	16.272
38) L8 AR-1262-3	8.922	7.629	8928397	648945	56.237	8.154 #
39) L8 AR-1262-4	9.006	7.704	1336523	3292467	11.094	22.789 #
40) L8 AR-1262-5	9.719	8.203	3315515	3880859	40.778	56.145 #
41) L9 AR-1268-1	8.922f	7.629	8928397	648945	31.177	2.787 #
42) L9 AR-1268-2	8.999	7.704	1119597	3292467	4.281	15.689 #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.244	7.905	385830	5662	1.694	0.031 #
44) L9	AR-1268-4	9.693	8.203	838292	3880859	9.260	50.205 #
45) L9	AR-1268-5	10.130f	8.493	877578	576350	1.259	1.016

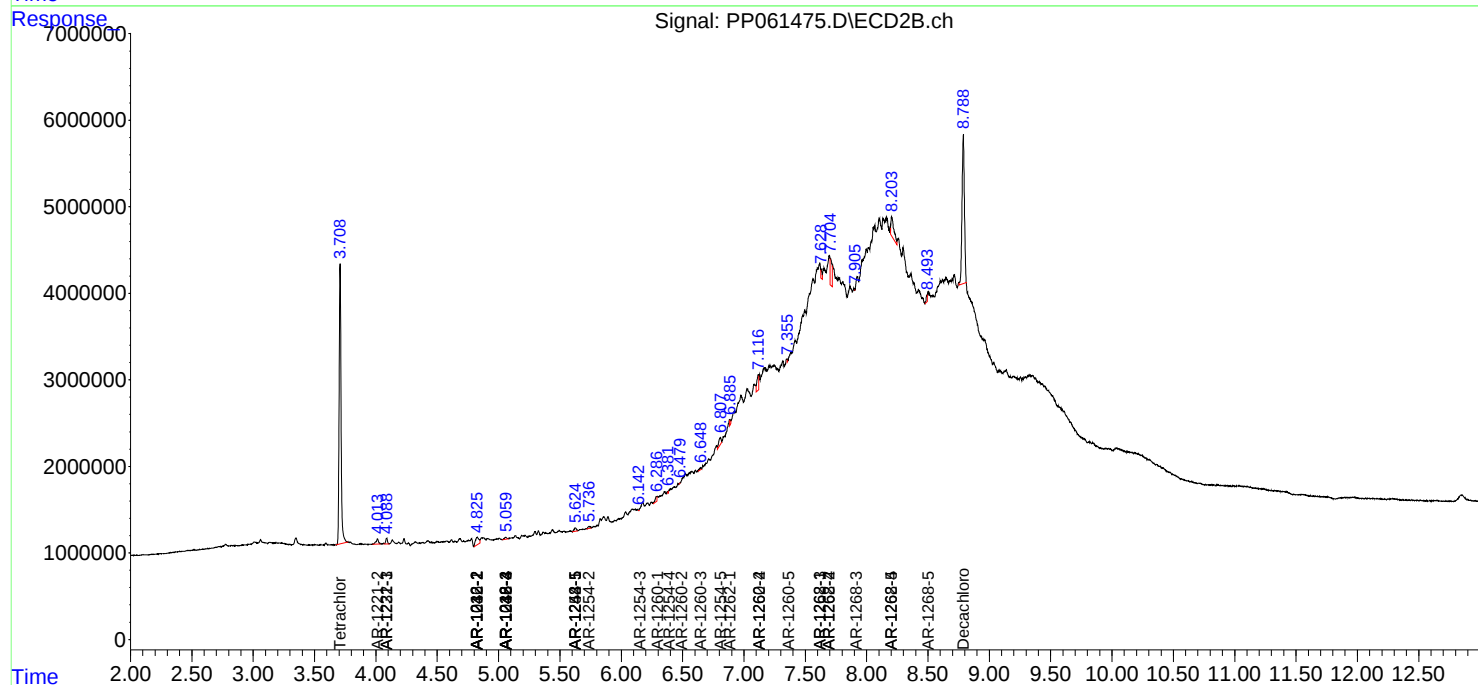
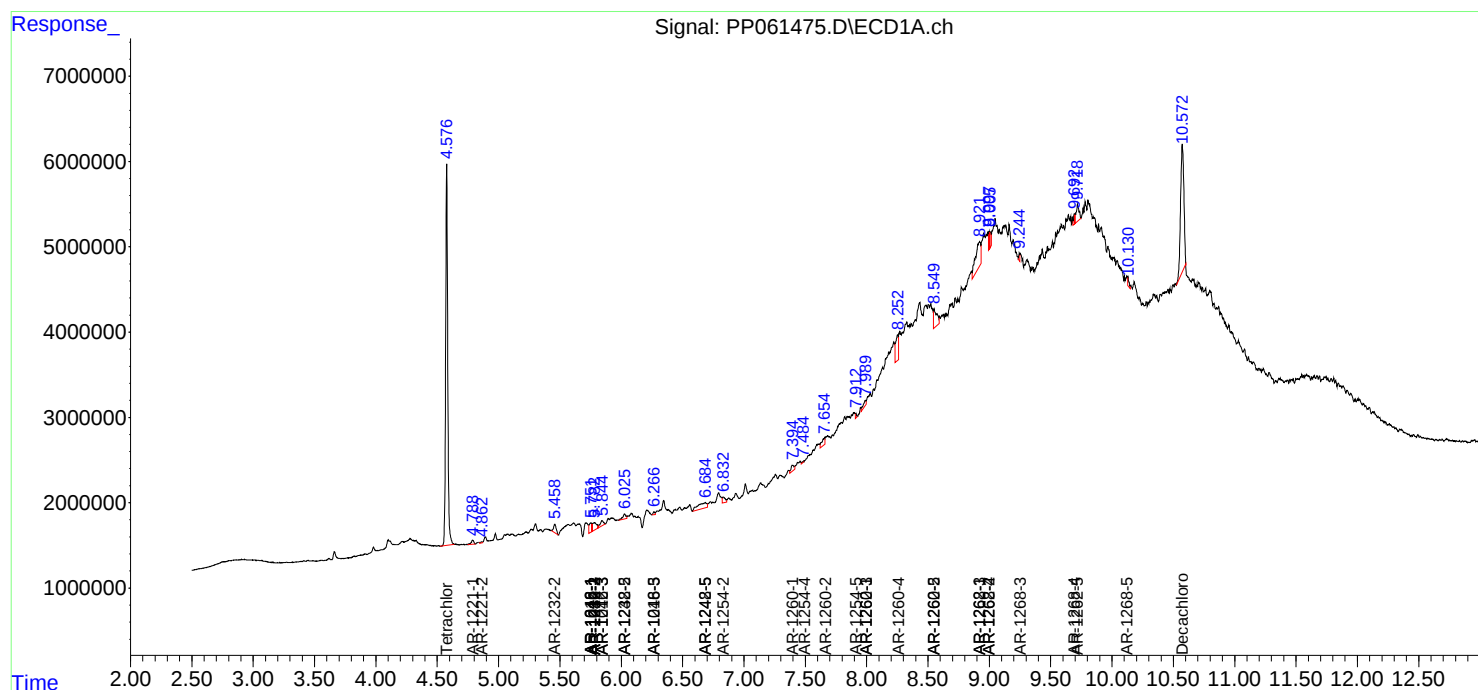
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

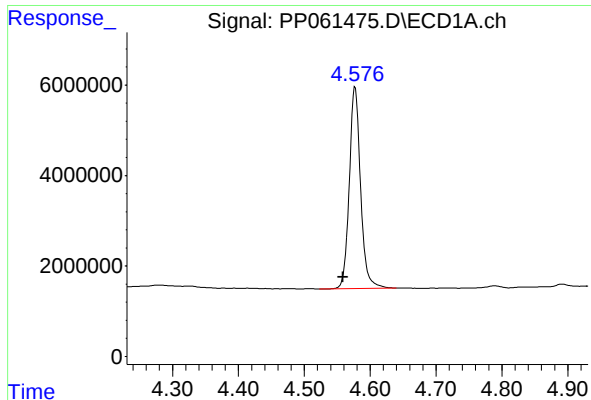
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

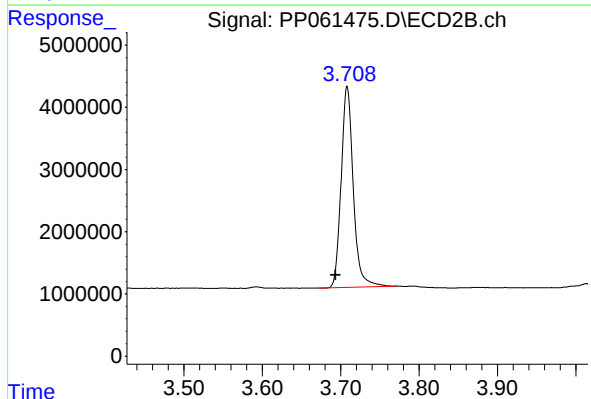




#1 Tetrachloro-m-xylene

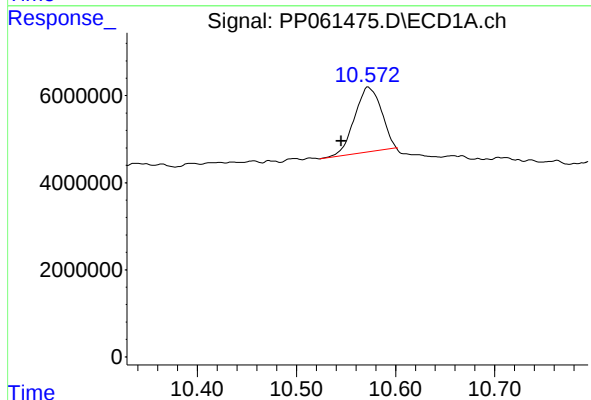
R.T.: 4.577 min
Delta R.T.: 0.018 min
Response: 52962583
Conc: 21.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



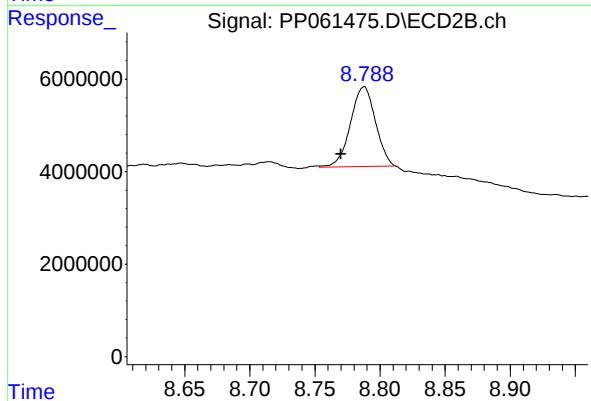
#1 Tetrachloro-m-xylene

R.T.: 3.708 min
Delta R.T.: 0.014 min
Response: 34962325
Conc: 23.39 ng/ml



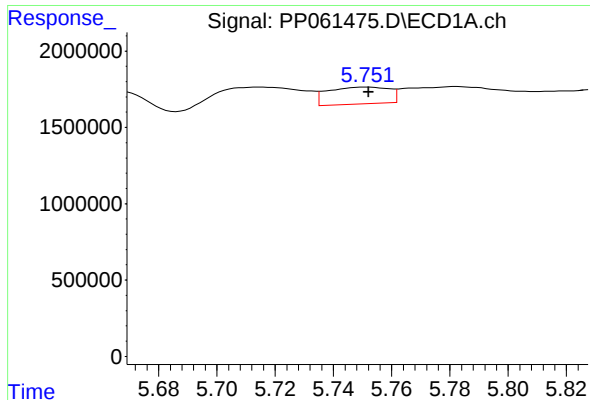
#2 Decachlorobiphenyl

R.T.: 10.573 min
Delta R.T.: 0.028 min
Response: 27997335
Conc: 14.85 ng/ml



#2 Decachlorobiphenyl

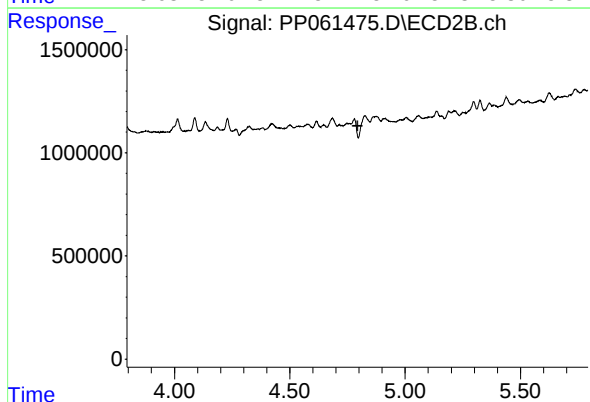
R.T.: 8.788 min
Delta R.T.: 0.018 min
Response: 23075130
Conc: 15.03 ng/ml



#3 AR-1016-1

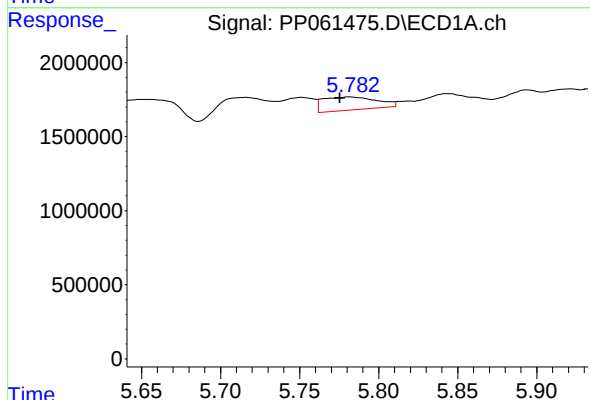
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 1628867
Conc: 20.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



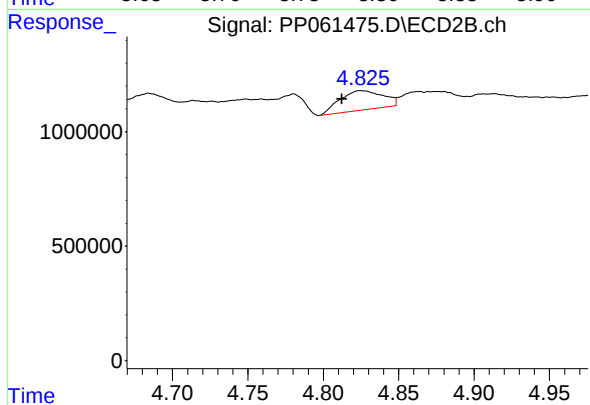
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.794 min
Response: 0
Conc: N.D.



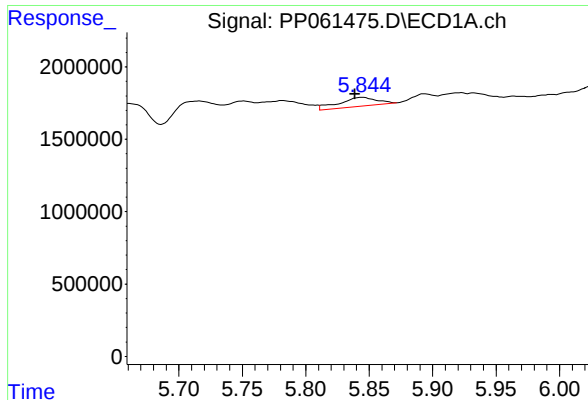
#4 AR-1016-2

R.T.: 5.782 min
Delta R.T.: 0.007 min
Response: 2088636
Conc: 17.96 ng/ml



#4 AR-1016-2

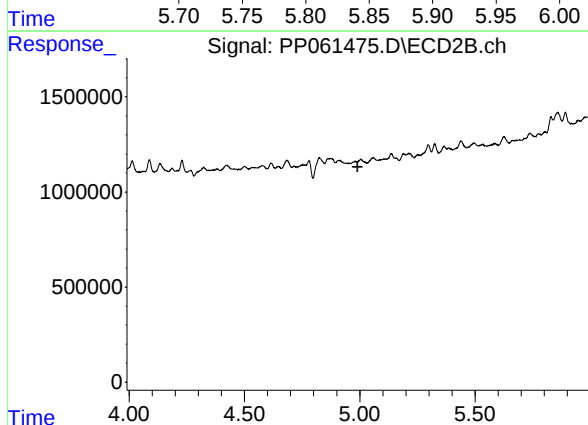
R.T.: 4.825 min
Delta R.T.: 0.012 min
Response: 1696717
Conc: 23.99 ng/ml



#5 AR-1016-3

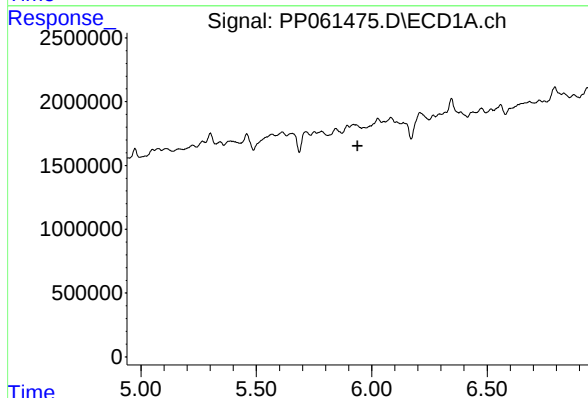
R.T.: 5.845 min
Delta R.T.: 0.006 min
Response: 1284625
Conc: 18.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



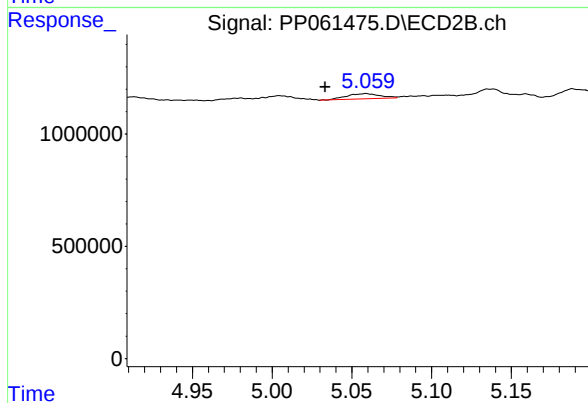
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



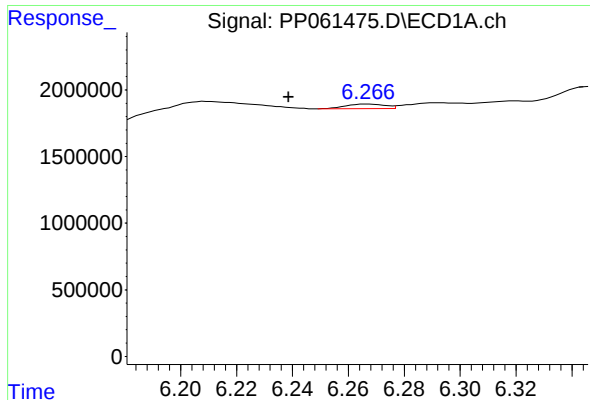
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.



#6 AR-1016-4

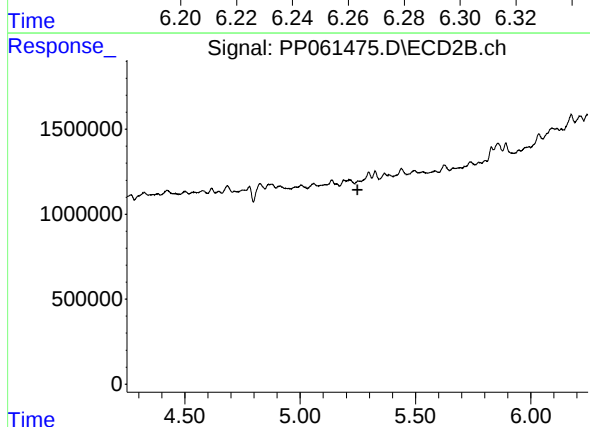
R.T.: 5.059 min
Delta R.T.: 0.026 min
Response: 335051
Conc: 10.65 ng/ml



#7 AR-1016-5

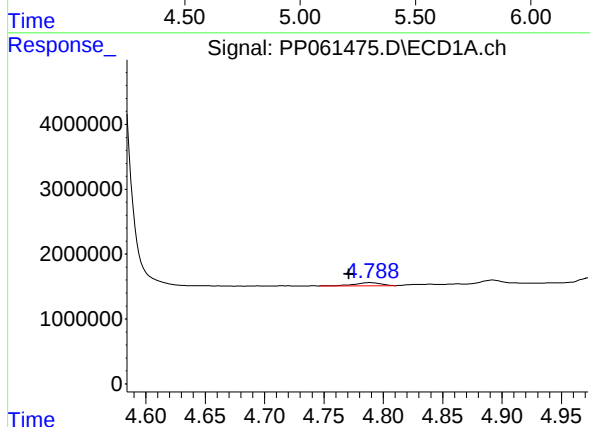
R.T.: 6.267 min
Delta R.T.: 0.028 min
Response: 338086
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



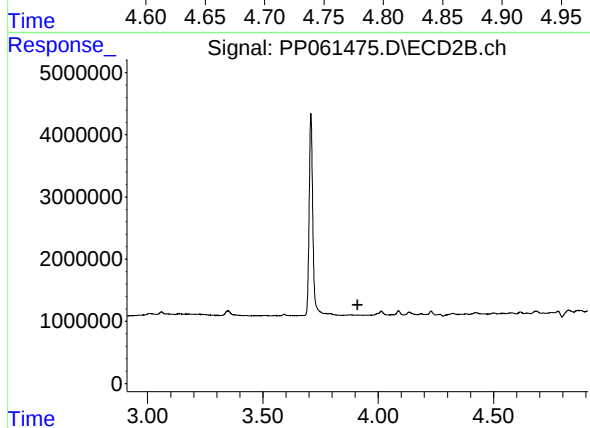
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.248 min
Response: 0
Conc: N.D.



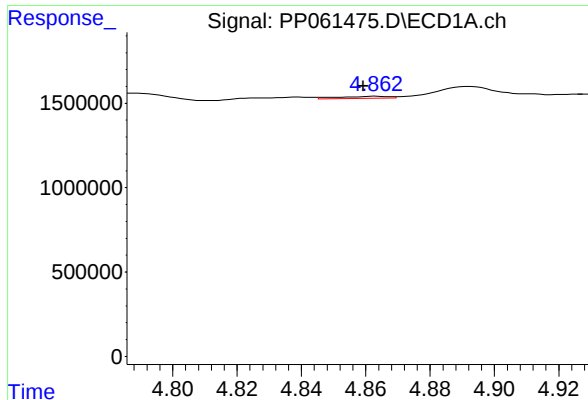
#8 AR-1221-1

R.T.: 4.789 min
Delta R.T.: 0.018 min
Response: 701029
Conc: 23.60 ng/ml



#8 AR-1221-1

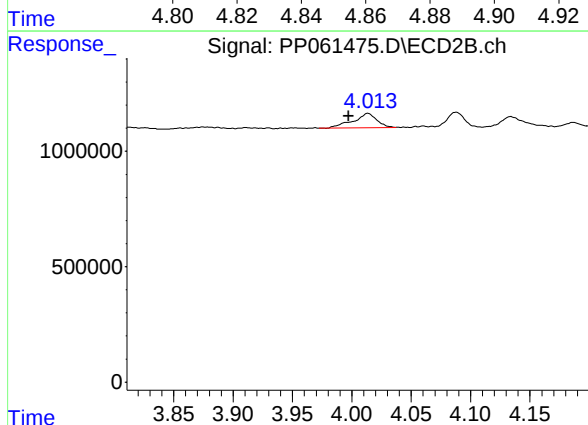
R.T.: 0.000 min
Exp R.T. : 3.910 min
Response: 0
Conc: N.D.



#9 AR-1221-2

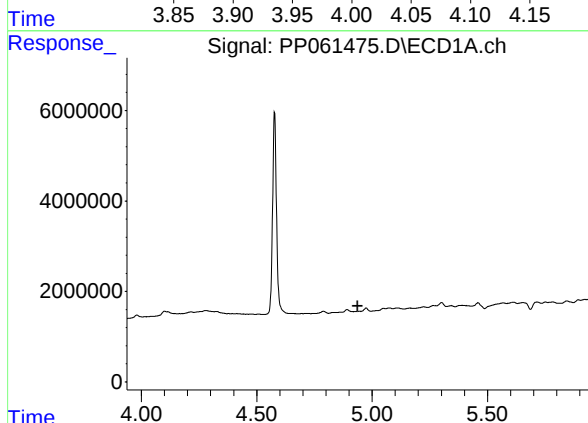
R.T.: 4.863 min
Delta R.T.: 0.004 min
Response: 136433
Conc: 6.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



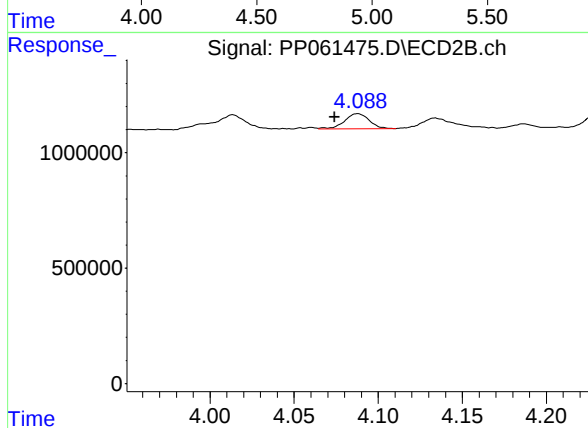
#9 AR-1221-2

R.T.: 4.014 min
Delta R.T.: 0.017 min
Response: 874933
Conc: 61.44 ng/ml



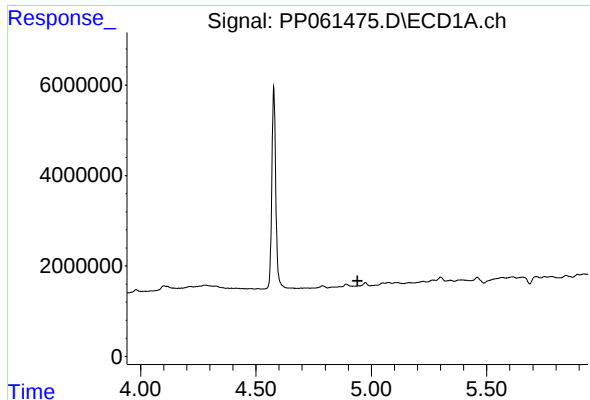
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.937 min
Response: 0
Conc: N.D.



#10 AR-1221-3

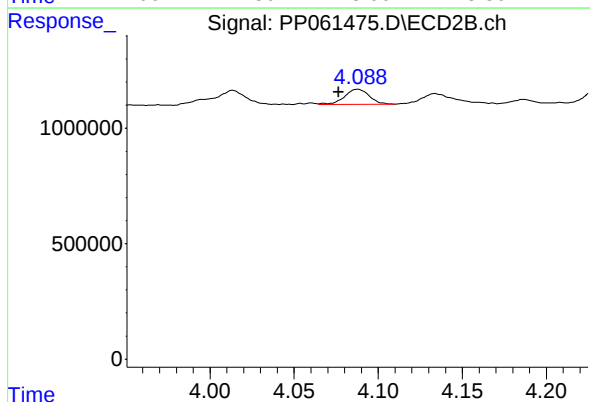
R.T.: 4.088 min
Delta R.T.: 0.014 min
Response: 660770
Conc: 16.28 ng/ml



#11 AR-1232-1

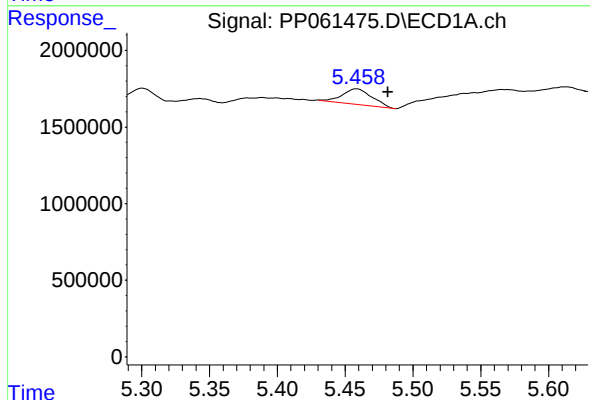
R.T.: 0.000 min
Exp R.T.: 4.940 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



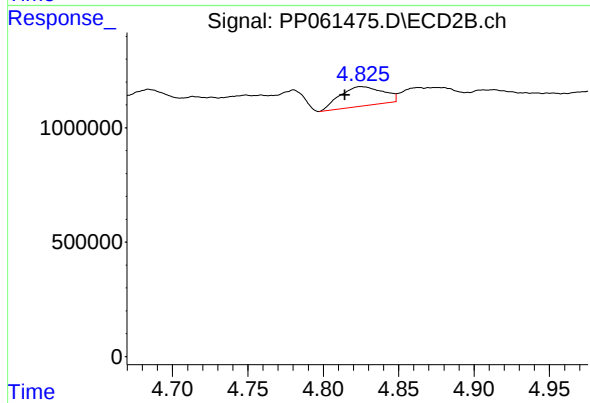
#11 AR-1232-1

R.T.: 4.088 min
Delta R.T.: 0.012 min
Response: 660770
Conc: 19.57 ng/ml



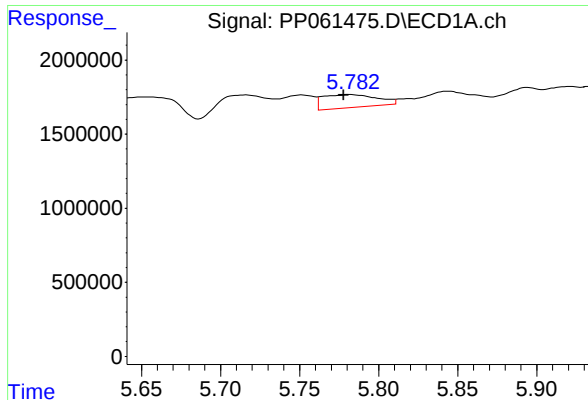
#12 AR-1232-2

R.T.: 5.458 min
Delta R.T.: -0.023 min
Response: 1551120
Conc: 52.43 ng/ml



#12 AR-1232-2

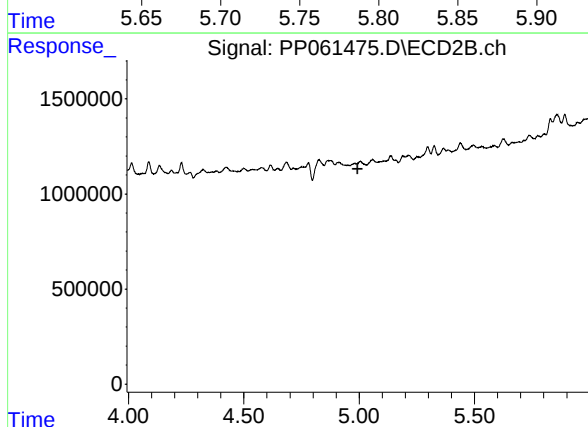
R.T.: 4.825 min
Delta R.T.: 0.011 min
Response: 1696717
Conc: 53.09 ng/ml



#13 AR-1232-3

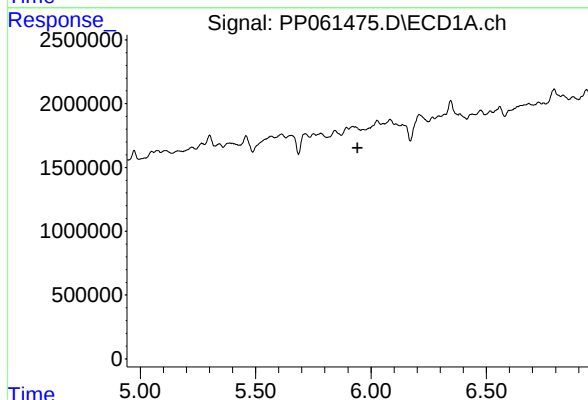
R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 2088636
Conc: 41.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



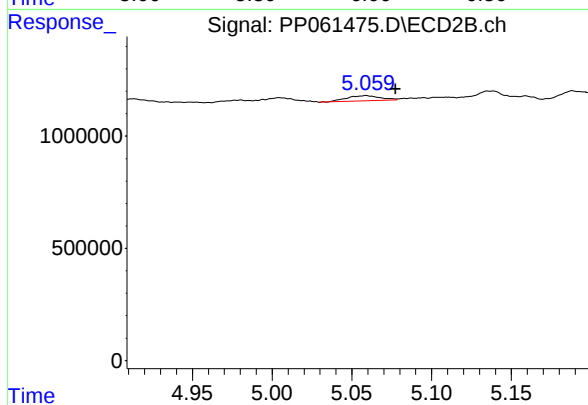
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.993 min
Response: 0
Conc: N.D.



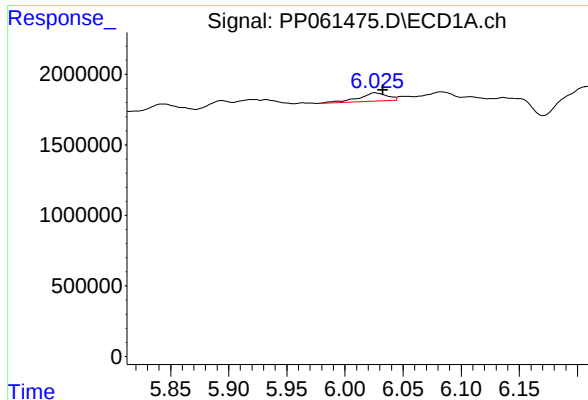
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#14 AR-1232-4

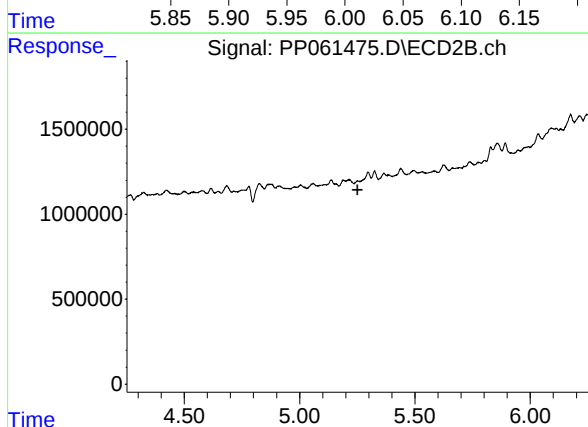
R.T.: 5.059 min
Delta R.T.: -0.018 min
Response: 335051
Conc: 21.01 ng/ml



#15 AR-1232-5

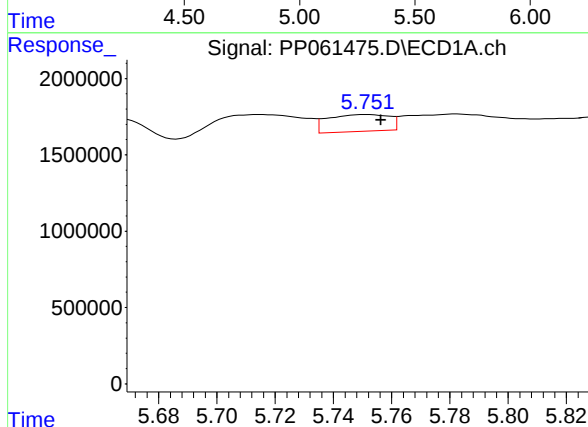
R.T.: 6.026 min
Delta R.T.: -0.007 min
Response: 990355
Conc: 45.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



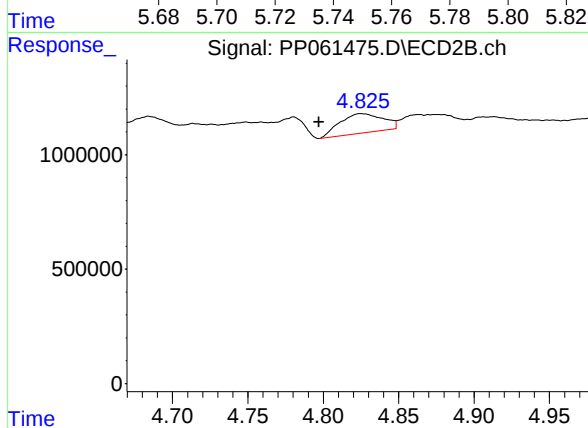
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.251 min
Response: 0
Conc: N.D.



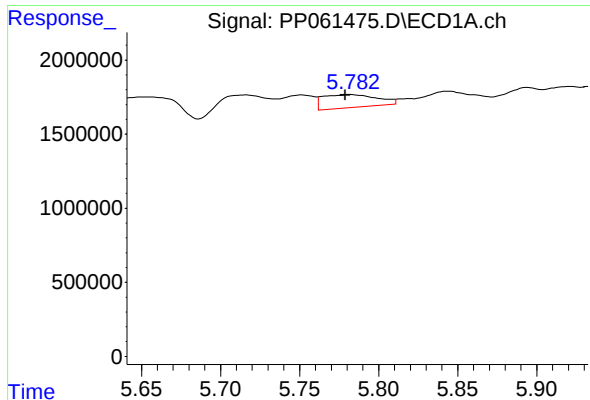
#16 AR-1242-1

R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 1628867
Conc: 24.90 ng/ml



#16 AR-1242-1

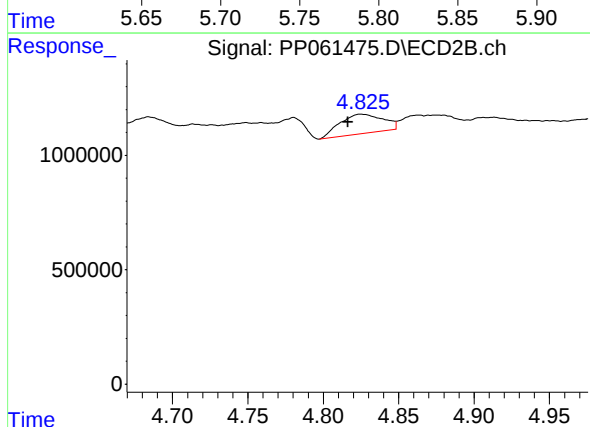
R.T.: 4.825 min
Delta R.T.: 0.028 min
Response: 1696717
Conc: 40.13 ng/ml



#17 AR-1242-2

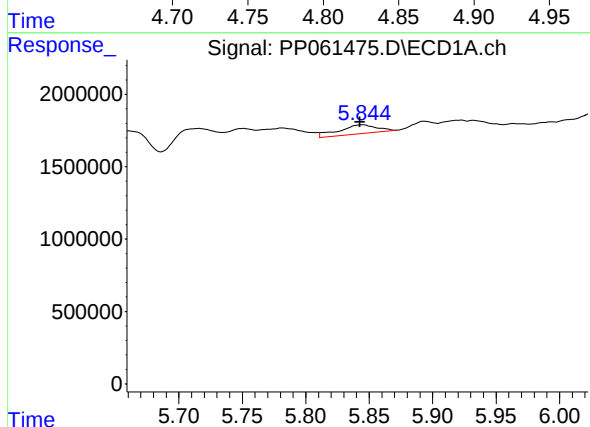
R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 2088636
Conc: 22.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



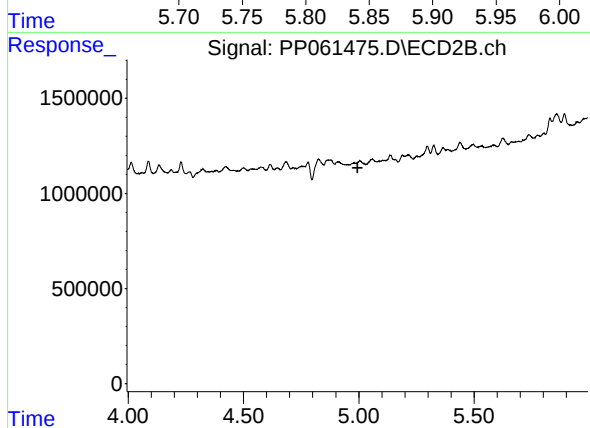
#17 AR-1242-2

R.T.: 4.825 min
Delta R.T.: 0.009 min
Response: 1696717
Conc: 29.85 ng/ml



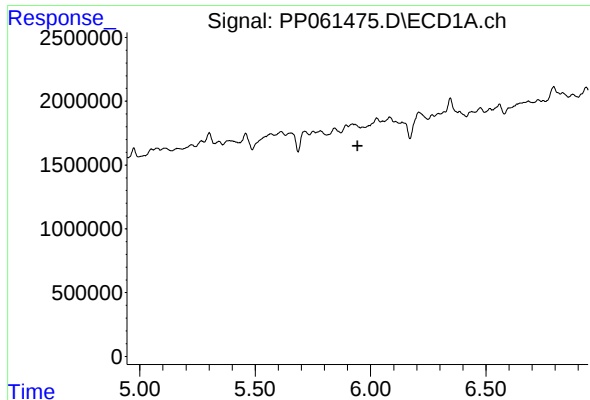
#18 AR-1242-3

R.T.: 5.845 min
Delta R.T.: 0.002 min
Response: 1284625
Conc: 22.51 ng/ml



#18 AR-1242-3

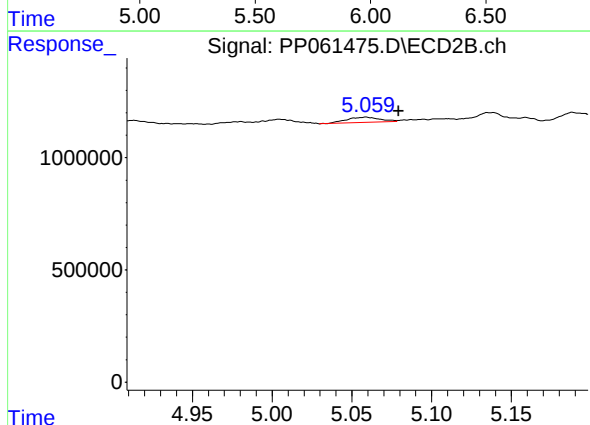
R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.



#19 AR-1242-4

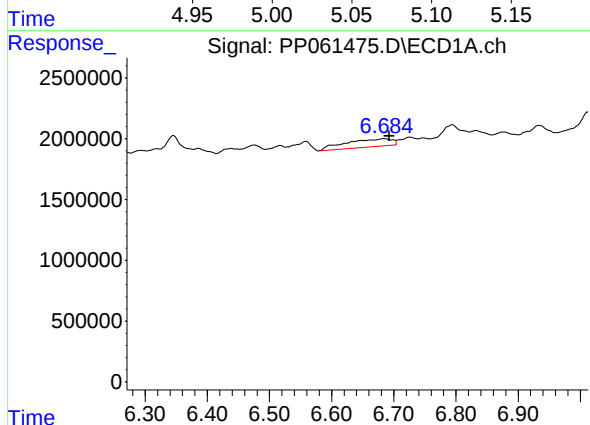
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



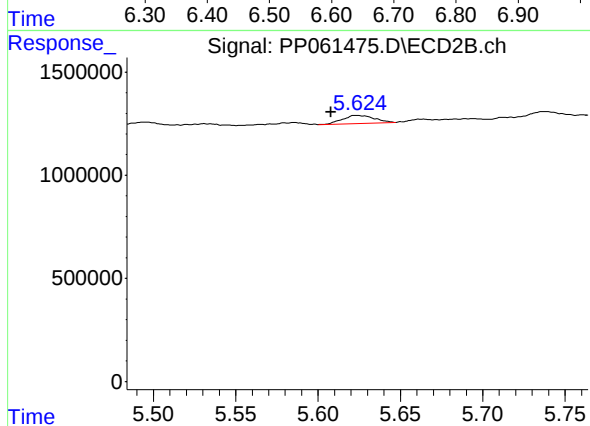
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: -0.020 min
Response: 335051
Conc: 10.42 ng/ml



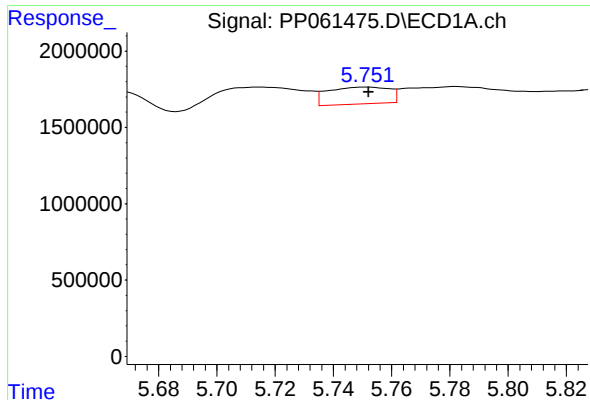
#20 AR-1242-5

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 3422285
Conc: 66.16 ng/ml



#20 AR-1242-5

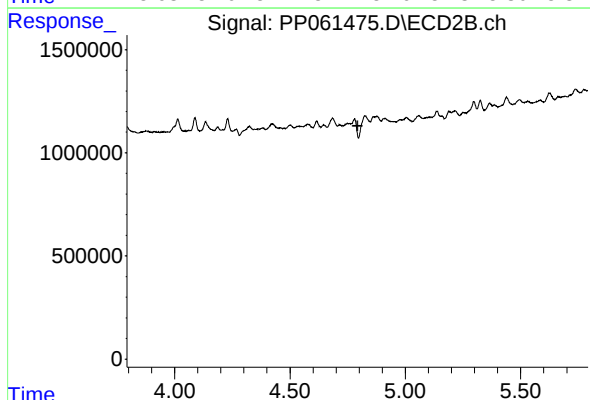
R.T.: 5.624 min
Delta R.T.: 0.016 min
Response: 527497
Conc: 13.29 ng/ml



#21 AR-1248-1

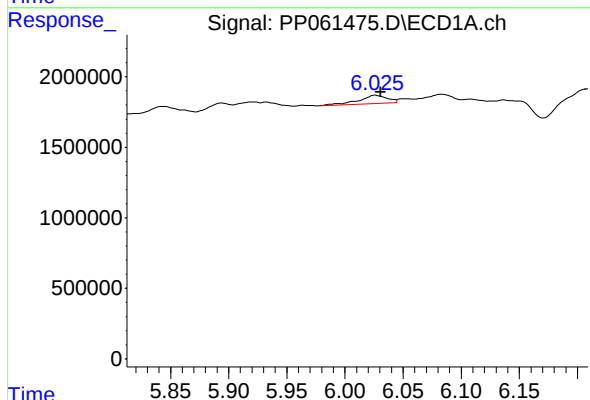
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 1628867
Conc: 33.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



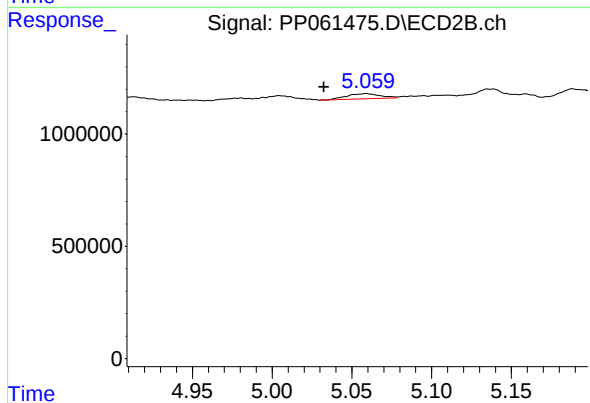
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 4.793 min
Response: 0
Conc: N.D.



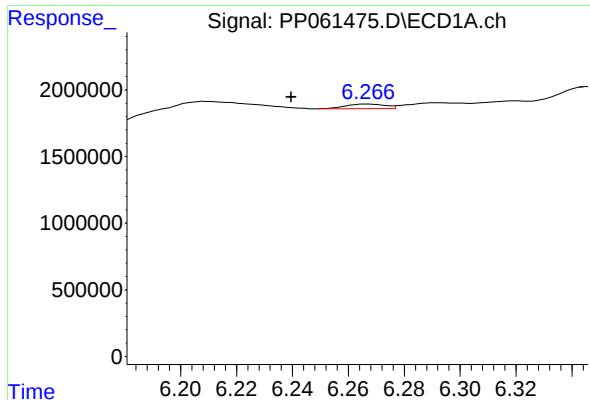
#22 AR-1248-2

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 990355
Conc: 13.14 ng/ml



#22 AR-1248-2

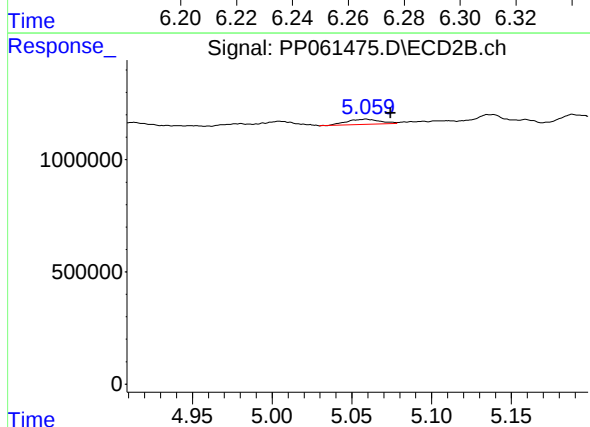
R.T.: 5.059 min
Delta R.T.: 0.027 min
Response: 335051
Conc: 7.68 ng/ml



#23 AR-1248-3

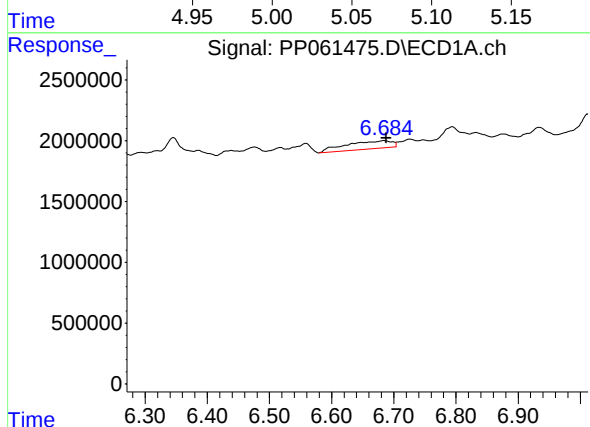
R.T.: 6.267 min
Delta R.T.: 0.027 min
Response: 338086
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



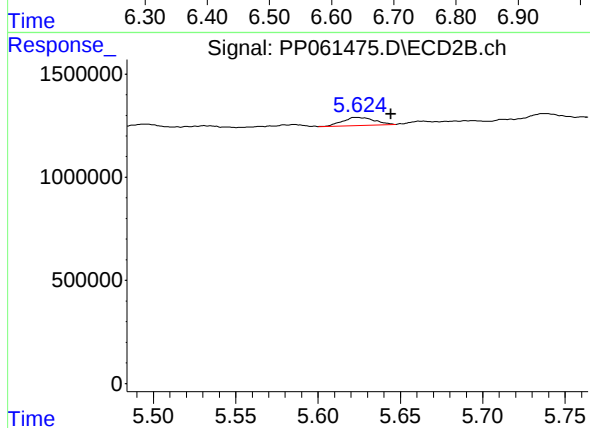
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: -0.015 min
Response: 335051
Conc: 7.21 ng/ml



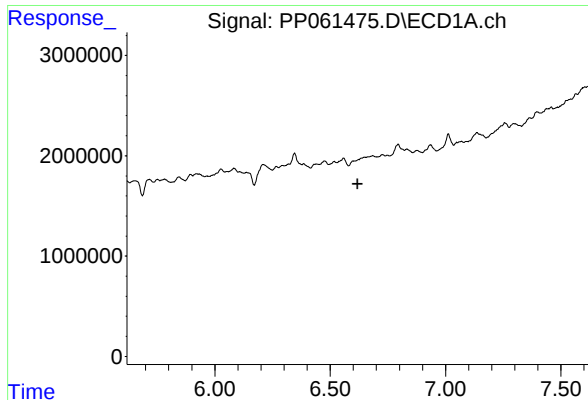
#25 AR-1248-5

R.T.: 6.685 min
Delta R.T.: -0.003 min
Response: 3422285
Conc: 40.36 ng/ml



#25 AR-1248-5

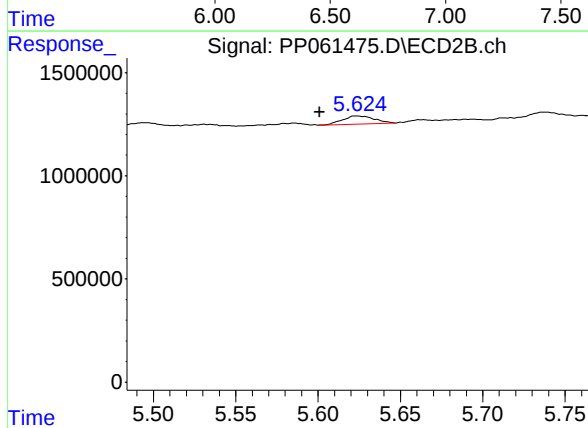
R.T.: 5.624 min
Delta R.T.: -0.020 min
Response: 527497
Conc: 10.14 ng/ml



#26 AR-1254-1

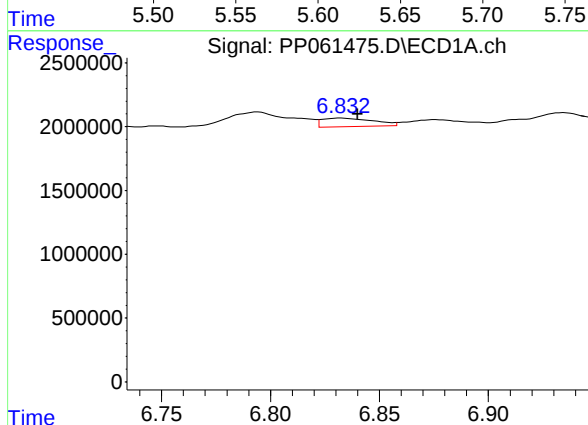
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



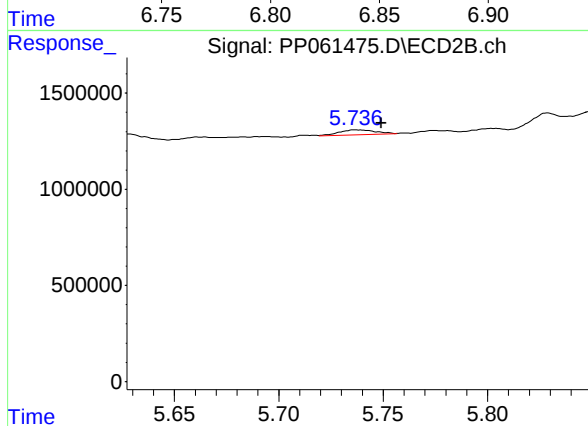
#26 AR-1254-1

R.T.: 5.624 min
Delta R.T.: 0.023 min
Response: 527497
Conc: 6.69 ng/ml



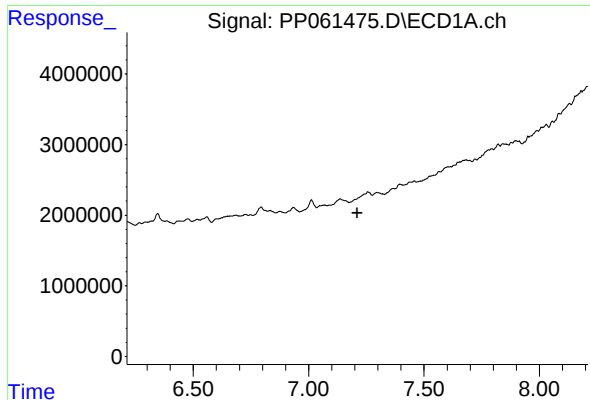
#27 AR-1254-2

R.T.: 6.833 min
Delta R.T.: -0.007 min
Response: 1104433
Conc: 8.28 ng/ml



#27 AR-1254-2

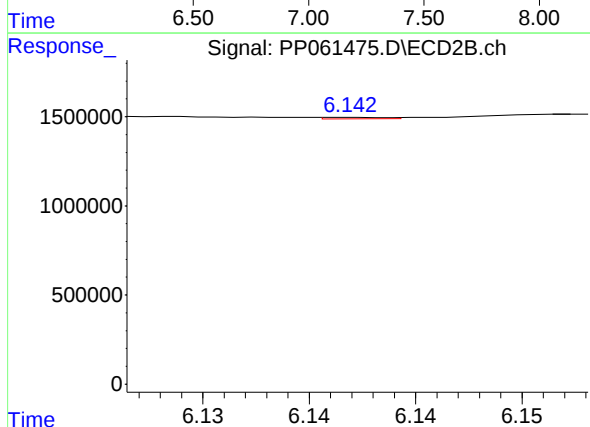
R.T.: 5.736 min
Delta R.T.: -0.013 min
Response: 297498
Conc: 4.26 ng/ml



#28 AR-1254-3

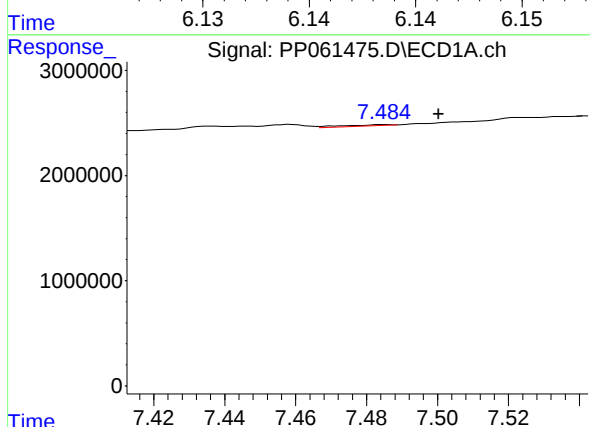
R.T.: 0.000 min
Exp R.T.: 7.211 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



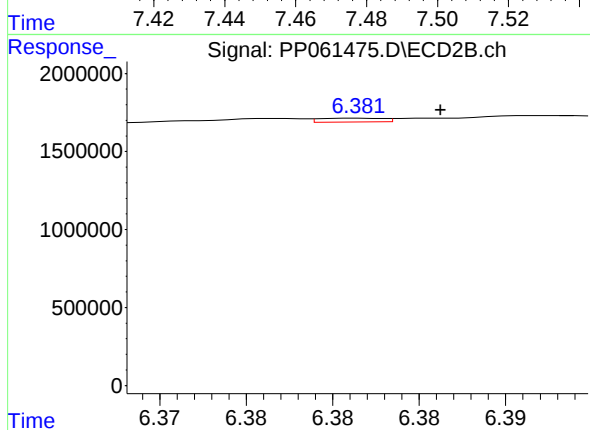
#28 AR-1254-3

R.T.: 6.142 min
Delta R.T.: -0.014 min
Response: 15673
Conc: 0.14 ng/ml



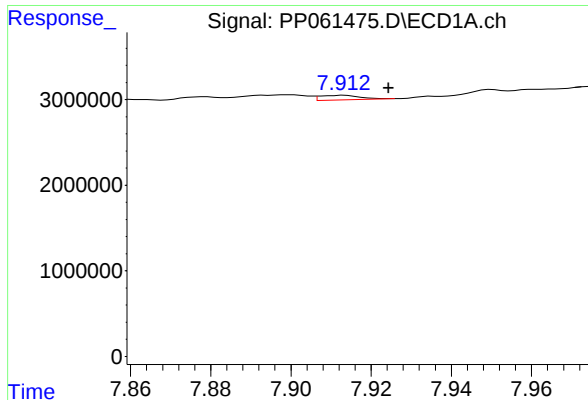
#29 AR-1254-4

R.T.: 7.485 min
Delta R.T.: -0.015 min
Response: 105238
Conc: 1.06 ng/ml



#29 AR-1254-4

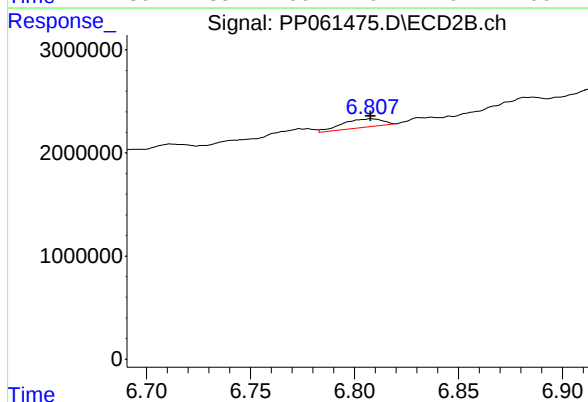
R.T.: 6.382 min
Delta R.T.: -0.005 min
Response: 60347
Conc: 0.87 ng/ml



#30 AR-1254-5

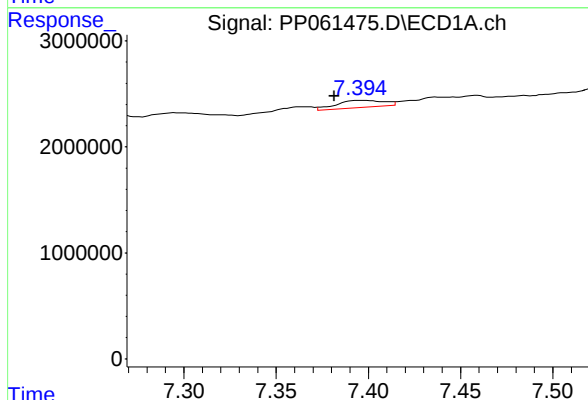
R.T.: 7.913 min
Delta R.T.: -0.011 min
Response: 383297
Conc: 3.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



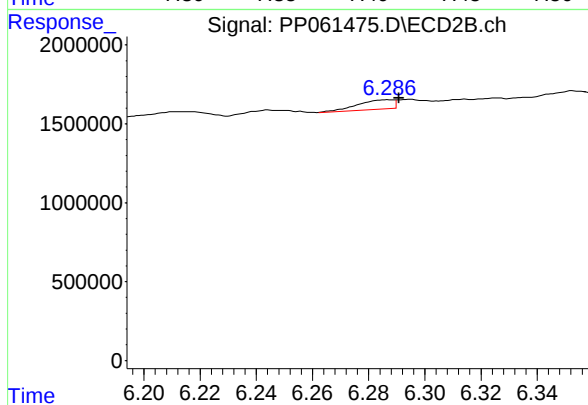
#30 AR-1254-5

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 1104078
Conc: 10.43 ng/ml



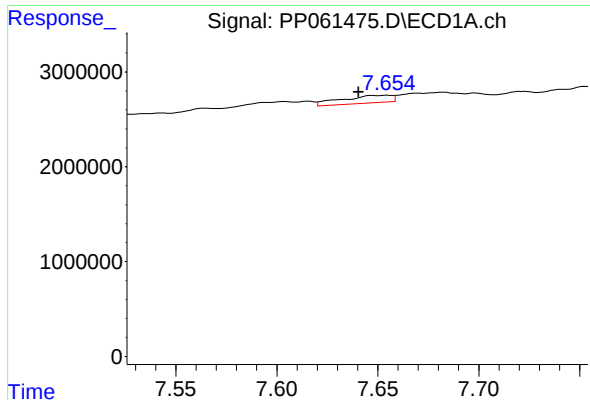
#31 AR-1260-1

R.T.: 7.395 min
Delta R.T.: 0.014 min
Response: 1194282
Conc: 10.62 ng/ml



#31 AR-1260-1

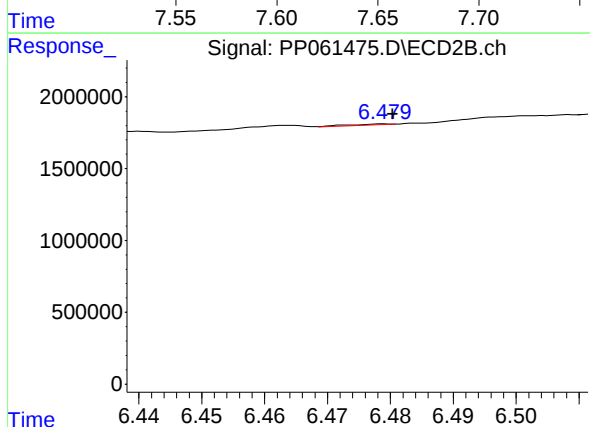
R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 519093
Conc: 6.38 ng/ml



#32 AR-1260-2

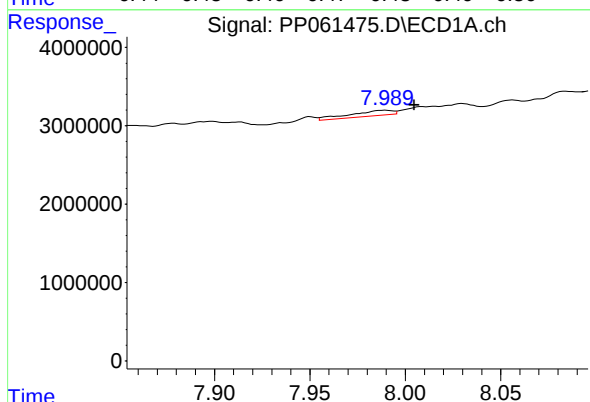
R.T.: 7.655 min
Delta R.T.: 0.015 min
Response: 1388310
Conc: 10.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



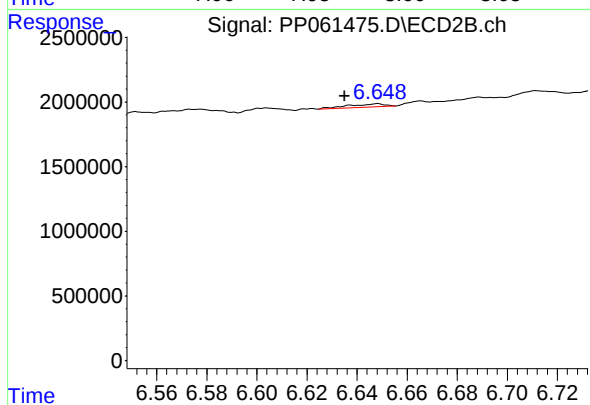
#32 AR-1260-2

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 28857
Conc: 0.30 ng/ml



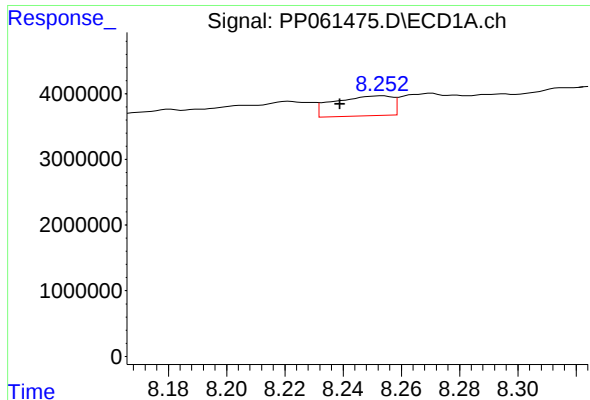
#33 AR-1260-3

R.T.: 7.990 min
Delta R.T.: -0.015 min
Response: 1042721
Conc: 12.28 ng/ml



#33 AR-1260-3

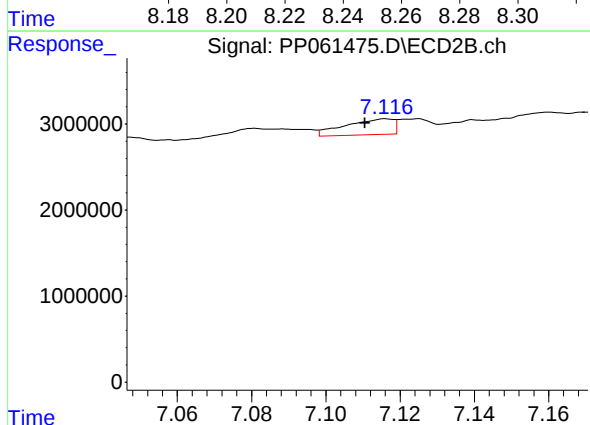
R.T.: 6.648 min
Delta R.T.: 0.013 min
Response: 250737
Conc: 2.71 ng/ml



#34 AR-1260-4

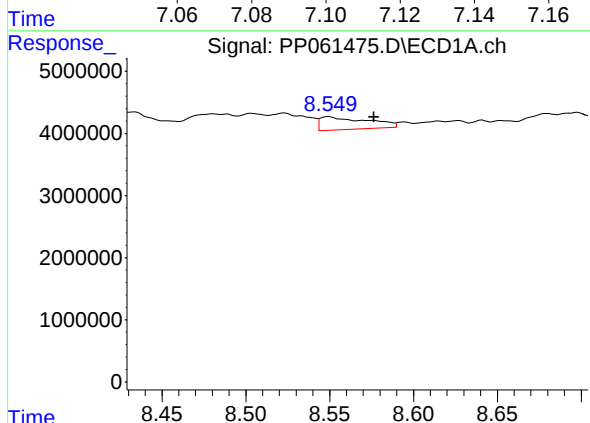
R.T.: 8.253 min
Delta R.T.: 0.014 min
Response: 4233279
Conc: 41.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



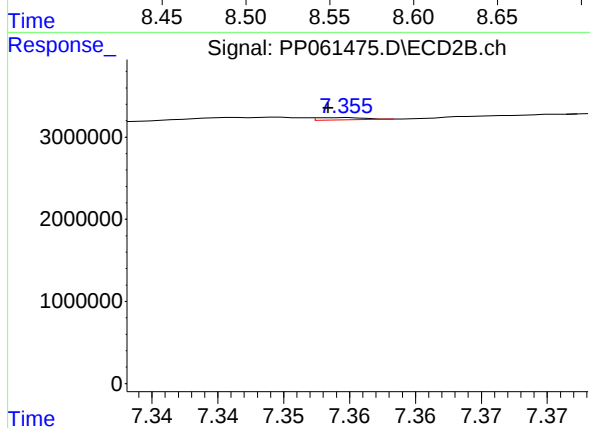
#34 AR-1260-4

R.T.: 7.116 min
Delta R.T.: 0.006 min
Response: 1628730
Conc: 22.21 ng/ml



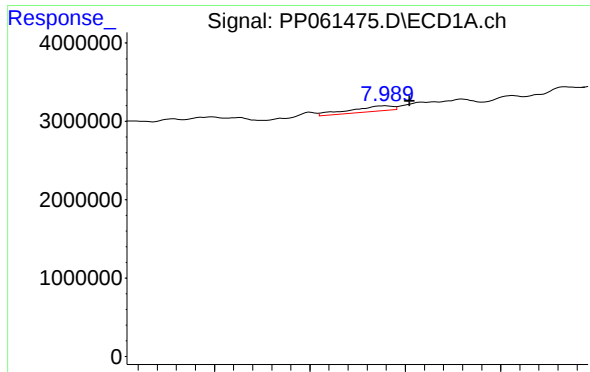
#35 AR-1260-5

R.T.: 8.549 min
Delta R.T.: -0.027 min
Response: 4117850
Conc: 21.26 ng/ml



#35 AR-1260-5

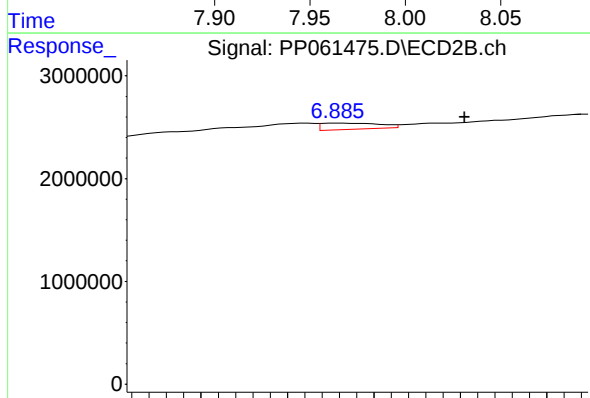
R.T.: 7.355 min
Delta R.T.: 0.001 min
Response: 70190
Conc: 0.41 ng/ml



#36 AR-1262-1

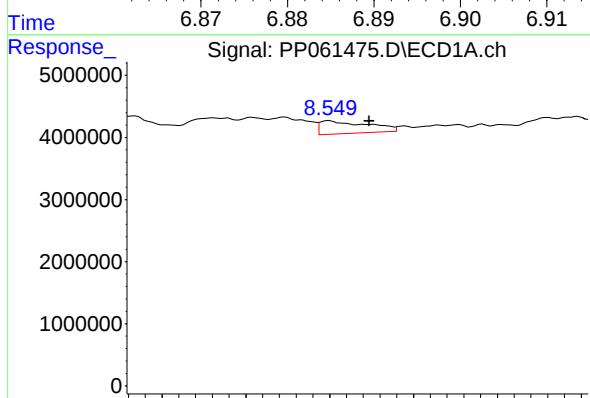
R.T.: 7.990 min
Delta R.T.: -0.012 min
Response: 1042721
Conc: 7.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



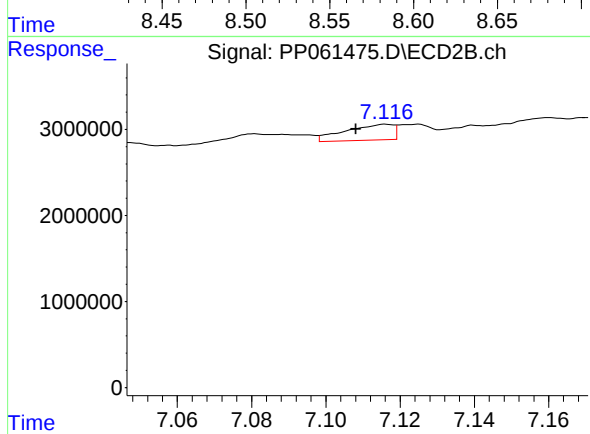
#36 AR-1262-1

R.T.: 6.886 min
Delta R.T.: -0.015 min
Response: 288695
Conc: 6.41 ng/ml



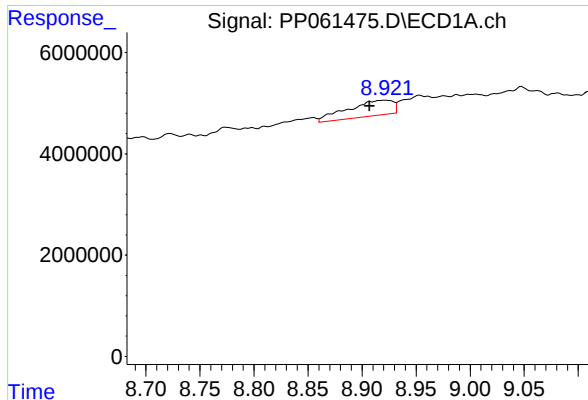
#37 AR-1262-2

R.T.: 8.549 min
Delta R.T.: -0.024 min
Response: 4117850
Conc: 17.62 ng/ml



#37 AR-1262-2

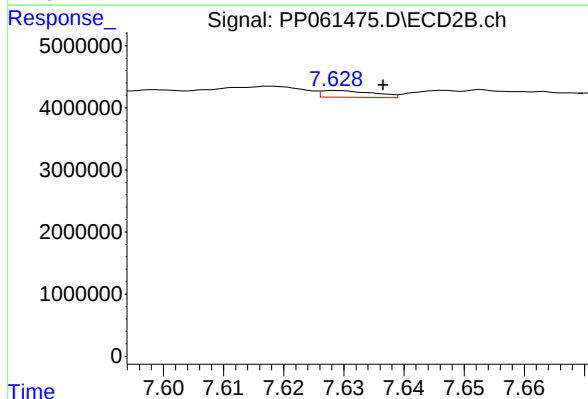
R.T.: 7.116 min
Delta R.T.: 0.008 min
Response: 1628730
Conc: 16.27 ng/ml



#38 AR-1262-3

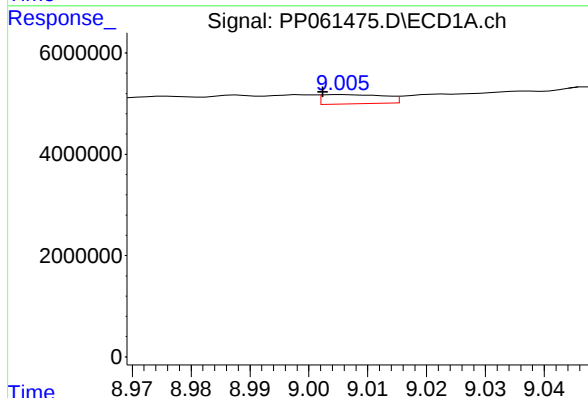
R.T.: 8.922 min
Delta R.T.: 0.015 min
Response: 8928397
Conc: 56.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



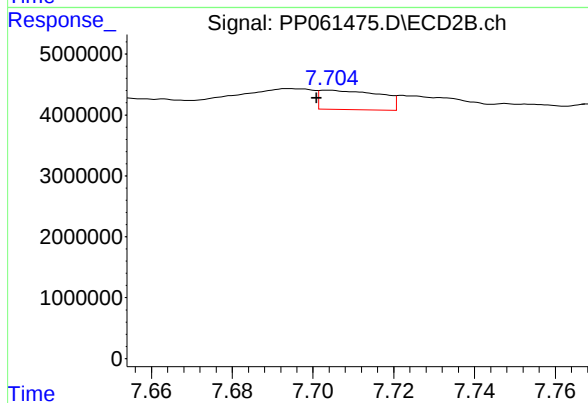
#38 AR-1262-3

R.T.: 7.629 min
Delta R.T.: -0.008 min
Response: 648945
Conc: 8.15 ng/ml



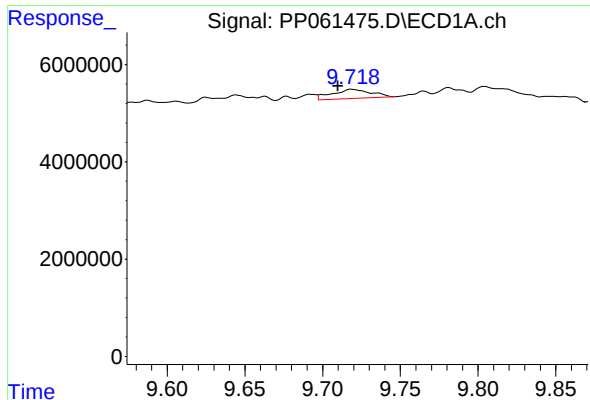
#39 AR-1262-4

R.T.: 9.006 min
Delta R.T.: 0.004 min
Response: 1336523
Conc: 11.09 ng/ml



#39 AR-1262-4

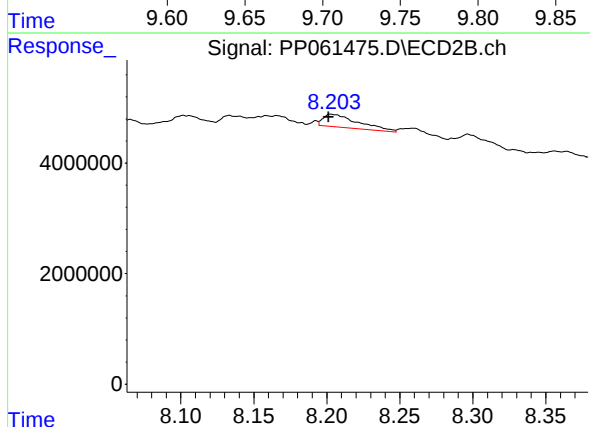
R.T.: 7.704 min
Delta R.T.: 0.003 min
Response: 3292467
Conc: 22.79 ng/ml



#40 AR-1262-5

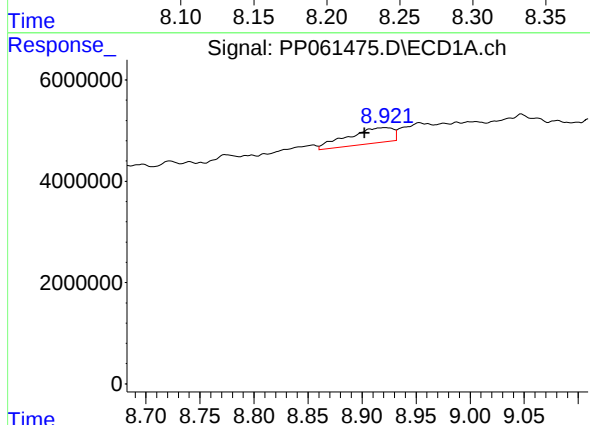
R.T.: 9.719 min
Delta R.T.: 0.009 min
Response: 3315515
Conc: 40.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



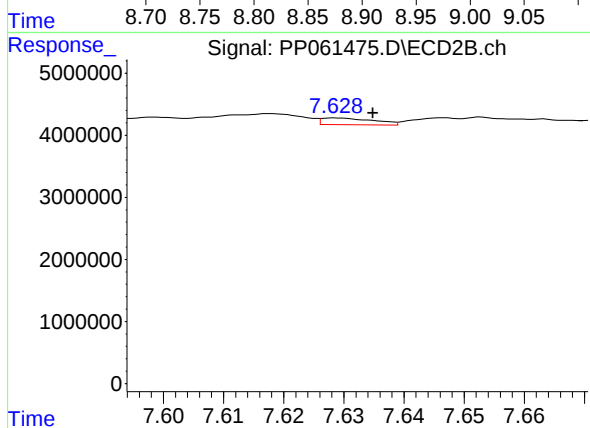
#40 AR-1262-5

R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 3880859
Conc: 56.15 ng/ml



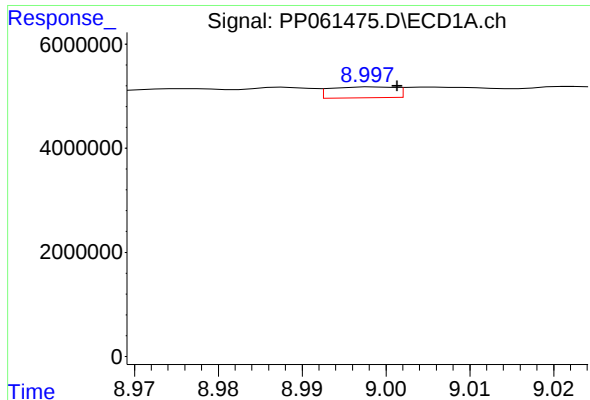
#41 AR-1268-1

R.T.: 8.922 min
Delta R.T.: 0.019 min
Response: 8928397
Conc: 31.18 ng/ml



#41 AR-1268-1

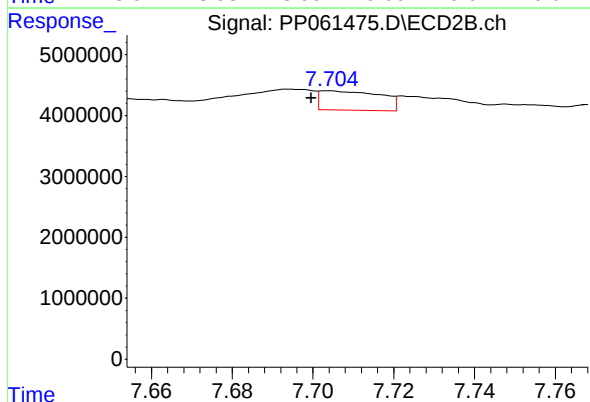
R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 648945
Conc: 2.79 ng/ml



#42 AR-1268-2

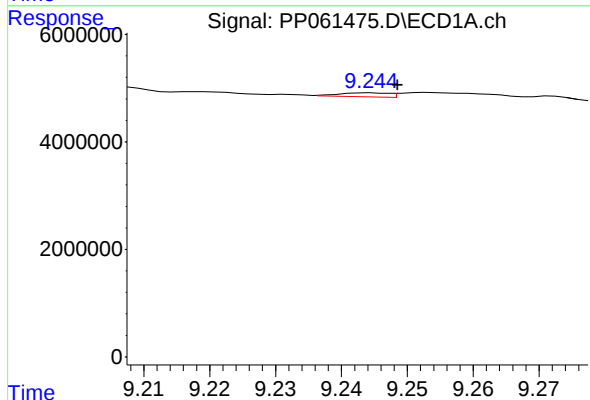
R.T.: 8.999 min
Delta R.T.: -0.003 min
Response: 1119597
Conc: 4.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



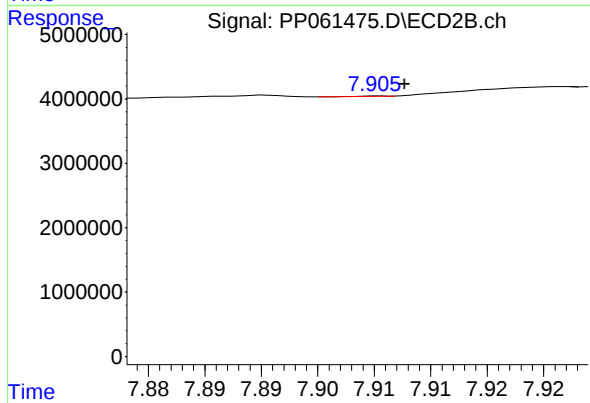
#42 AR-1268-2

R.T.: 7.704 min
Delta R.T.: 0.004 min
Response: 3292467
Conc: 15.69 ng/ml



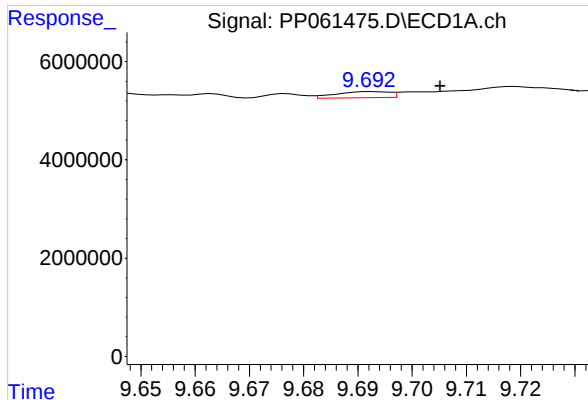
#43 AR-1268-3

R.T.: 9.244 min
Delta R.T.: -0.004 min
Response: 385830
Conc: 1.69 ng/ml



#43 AR-1268-3

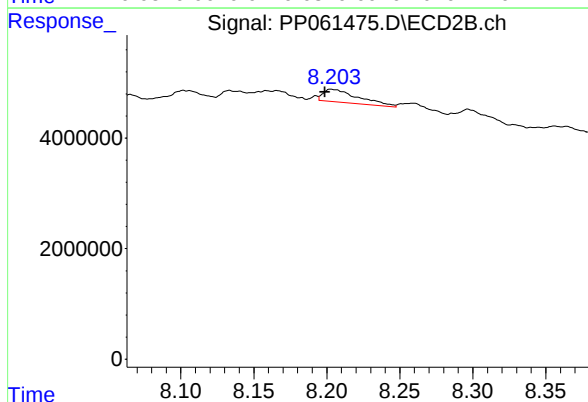
R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 5662
Conc: 0.03 ng/ml



#44 AR-1268-4

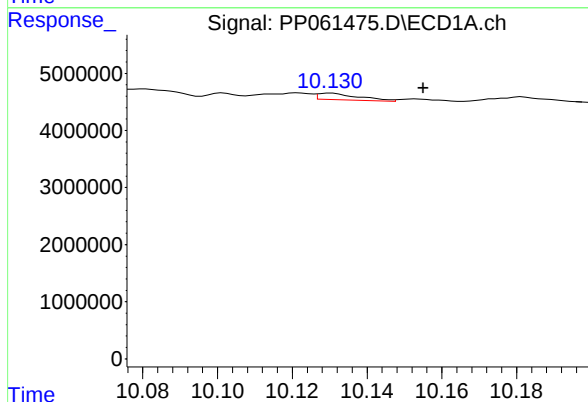
R.T.: 9.693 min
Delta R.T.: -0.013 min
Response: 838292
Conc: 9.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



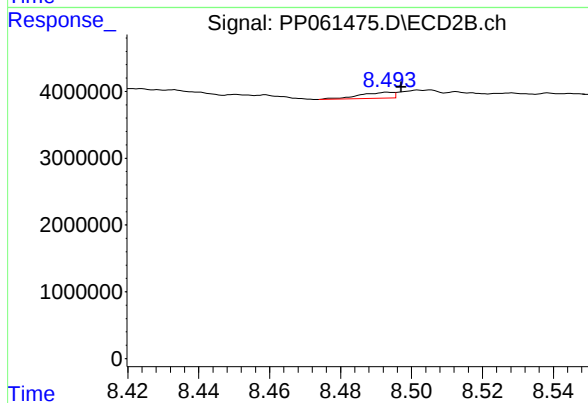
#44 AR-1268-4

R.T.: 8.203 min
Delta R.T.: 0.004 min
Response: 3880859
Conc: 50.21 ng/ml



#45 AR-1268-5

R.T.: 10.130 min
Delta R.T.: -0.025 min
Response: 877578
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.004 min
Response: 576350
Conc: 1.02 ng/ml